# United States Patent [19]

Sodaro

Patent Number: [11]

**US00** 

6,021,770

Date of Patent: [45]

Feb. 8, 2000

[54]	BOW STABILIZER WITH GAME FINDER
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[21]	Appl. No.: 09/121,936
[22]	Filed: Jul. 24, 1998
[60]	Related U.S. Application Data Provisional application No. 60/053,927, Jul. 28, 1997, and provisional application No. 60/054,172, Jul. 30, 1997.
[51]	Int. CL <sup>7</sup> F41B 5/20; F41B 5/14
[52]	U.S. Cl 124/89; 124/86
[58]	Field of Search 124/23.1, 86. 89
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## - ABSTRACT

A combination archery bow stabilizer and string tracker having a built-in shock- and vibration-damping system comprising a body portion containing a chamber for holding a spool of tracking string and a chamber housing a temperature-insensitive vibration-damping and shockabsorbing viscoelastic polymer element in which a bowmounting rod is embedded. The viscoelastic polymer element material is preferably a flexible polyurethane of essentially linear structure, containing unsatisfied hydroxyl groups, and having a compression set of less than 15%, an elongation at break of at least 500%, and a recovery after compression which is delayed by at least 0.7 seconds. The system minimizes the vibration due to shock created by the release of the arrow and by the pay out of the tracking string.

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### 21 Claims, 2 Drawing Sheets

